Challenge!
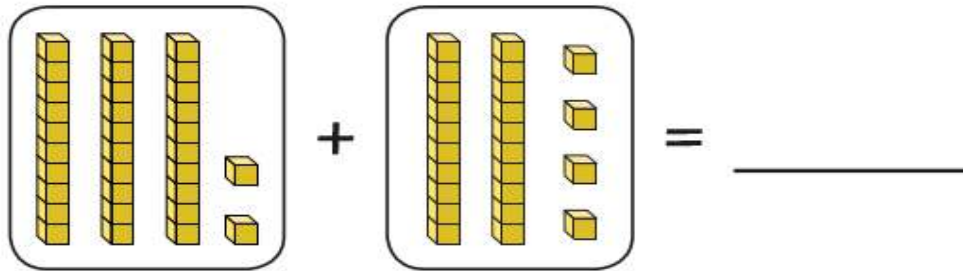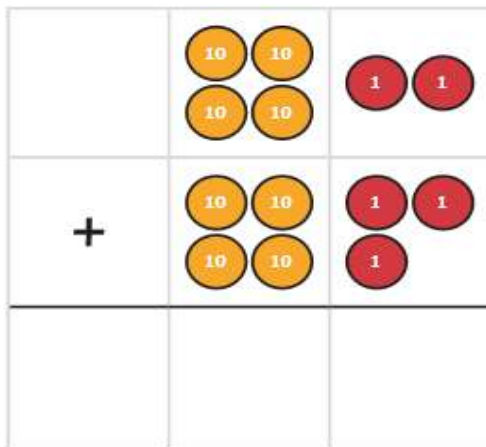
Find the sum of each pair of two-digit numbers.

 + = _____

5 tens and 4 ones + 4 tens and 3 ones = _____

| 71 + 23 | 7 tens + 2 tens = _____
 1 one + 3 ones = _____ | _____ tens +
 _____ ones = _____ |

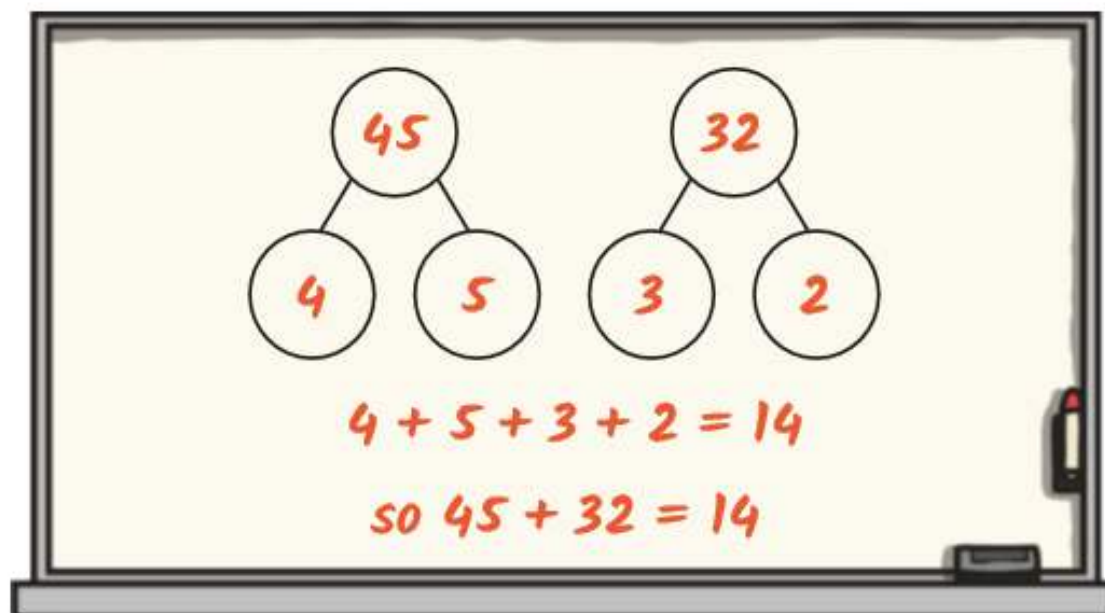|	10 10 10 10 1 1
+	10 10 10 10 10 10 1 1 1

	6	4
+	2	1

Mr Jones has 32 whiteboard pens and 17 rulers.
How many items does he have in total?

Asma calculates the answer to this addition.

45 + 32

She works it out like this:

45

32

4

5

3

2

$4 + 5 + 3 + 2 = 14$

so $45 + 32 = 14$

Do you agree with her answer? Explain why.
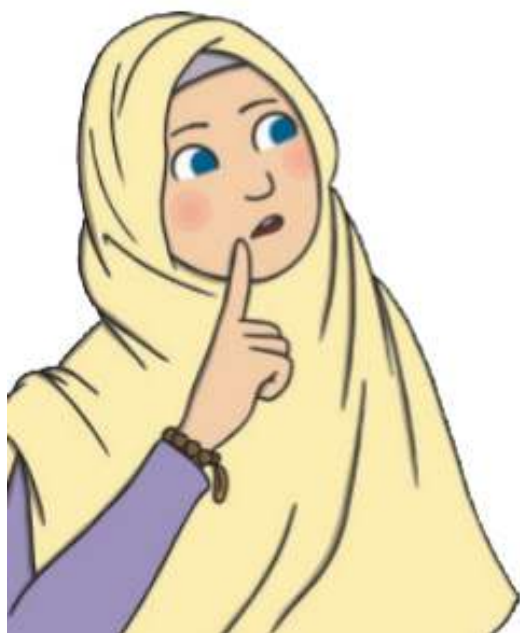
Show Asma how to find the correct answer using a part-whole model.

Then, show Asma how she could have checked her answer using a different method.